



SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

Application number:
EP 20 86 19 43

Classification of the application (IPC):
A61B 7/04, G10K 11/178

Technical fields searched (IPC):
A61B, G10K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2015201272 A1 (WONG VICTOR [US]) 16 July 2015 (2015-07-16) * paragraphs [0003], [0019], [0021], [0022], [0023]; claims 2,3; figure 4 *	1, 3, 4, 7, 9, 10
Y		2, 5, 6, 8
Y	US 2015156583 A1 (MULUMUDI SUMAN K [US] ET AL) 04 June 2015 (2015-06-04) * paragraphs [0002], [0108] *	2, 6
Y	WO 2018096564 A1 (INDIAN INST TECHNOLOGY BOMBAY) 31 May 2018 (2018-05-31) * claim 1; figure 12 *	5
Y	US 6028942 A (GREENBERGER HAL P [US]) 22 February 2000 (2000-02-22) * claim 8 *	8
A	US 5774563 A (DESLAURIERS RICHARD J [US] ET AL) 30 June 1998 (1998-06-30) * claim 1; figure 8 *	1-10
A	US 4071694 A (PFEIFFER G WILLIAM) 31 January 1978 (1978-01-31) * column 6, line 13 - line 53 *	1-10
INCOMPLETE SEARCH		
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R. 62a, 63) has been carried out. Claim(s) completely searchable:1-10 Claim(s) not searched:11 Reason for the limitation of the search:		

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 17 October 2023	Examiner Lorne, Benoît
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CATEGORY OF CITED DOCUMENTS	
X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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INCOMPLETE SEARCH

[0001] Independent claims 1 and 11 do not comply with rule 43, paragraph 2. The applicant has been invited under Rule 62a(1) EPC to indicate the basis on which the search is to be carried.

[0002] The search has been restricted to the subject-matter indicated by the applicant [claims 1-10] in his letter of 19-09-2023 filed in reply to the invitation pursuant to Rule 62a(1) EPC.

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 17 October 2023	Examiner Lorne, Benoît
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
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ANNEX TO SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

Application number:
EP 20 86 19 43

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 17-10-2023
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			WO	2015105641 A1	16-07-2015
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			US	4071694 A	31-01-1978